

05290-2344460

## CLAIMS

1. A method for increasing tooth movement comprising administering to a subject in need thereof an effective amount of a parathyroid hormone or a derivative thereof.
2. The method as claimed in claim 1 wherein the parathyroid hormone is human parathyroid hormone comprising amino acids 1 to 84.
3. The method as claimed in claim 2 wherein the parathyroid hormone is substantially pure parathyroid hormone.
4. The method as claimed in claim 2 wherein the parathyroid hormone is recombinant parathyroid hormone.
5. The method as claimed in claim 1 wherein the parathyroid hormone is human parathyroid hormone comprising amino acids 1 to 34.
6. The method as claimed in claim 5 wherein the parathyroid hormone is substantially pure parathyroid hormone.
7. The method as claimed in claim 5 wherein the parathyroid hormone is recombinant parathyroid hormone.
8. A kit for increasing tooth movement comprising an effective amount of a parathyroid hormone or a derivative thereof and instructions for increasing tooth movement.
9. The kit as claimed in claim 8 wherein the parathyroid hormone is human parathyroid hormone comprising amino acids 1 to 84.
10. The kit as claimed in claim 9 wherein the parathyroid hormone is substantially pure human parathyroid hormone.

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11. The kit as claimed in claim 9 wherein the parathyroid hormone is recombinant parathyroid hormone.
12. The kit as claimed in claim 8 wherein the parathyroid hormone is human parathyroid hormone comprising amino acids 1 to 34.
13. The kit as claimed in claim 12 wherein the parathyroid hormone is substantially pure parathyroid hormone.
14. The kit as claimed in claim 12 wherein the parathyroid hormone is recombinant parathyroid hormone.
15. In an orthodontic composition, the improvement comprising an effective amount of a parathyroid hormone or a derivative thereof for increasing tooth movement.
16. The orthodontic composition as claimed in claim 15 wherein the parathyroid hormone is human parathyroid hormone comprising amino acids 1 to 84.
17. The orthodontic composition as claimed in claim 16 wherein the parathyroid hormone is substantially pure parathyroid hormone.
18. The orthodontic composition as claimed in claim 16 wherein the parathyroid hormone is recombinant parathyroid hormone.
19. The orthodontic composition as claimed in claim 15 wherein the parathyroid hormone is human parathyroid hormone comprising amino acids 1 to 34.
20. The orthodontic composition as claimed in claim 19 wherein the parathyroid hormone is substantially pure parathyroid hormone.
21. The orthodontic composition as claimed in claim 19

*Add A27 add D3*

wherein the parathyroid hormone is recombinant parathyroid hormone.

Add B3

add  
T4